

| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | |
|---------------------|---------------------|-----------------------|--|--|--|--|--|--|----|
| D | C | B | A | | | | D | | |
| 25 PL. -23 87 | 25 PL. -19 83 | 25 PL. -19 83 | 43 | 113 71 27 -3 -5 35 33 111 | JEWELERS FILES | DIAL CALIPERS | REV. A DESCRIPTION NEW ISSUE ECN # 17-683 DATE 17.09.28 BY VM APPROVED WM | | |
| -1 | 85 -21 | 81 -17 | 81 -17 | 15 79 | 57 55 53 51 49 47 45 | 61 103 101 105 59 89 29 -9 97 109 37 95 107 75 115 117 39 65 67 99 -13 93 | RBT18201 SHEET METAL KIT | | |
| ITEM # | QTY | PART # | TITLE | PG | ITEM # | QTY | PART # | TITLE | PG |
| -1 | 1 | RBT18201-1 | FOAM 1 | 2 | 61 | 1 | BROWNTOL #SQZSET-6 | RIVET SQUEEZER SET (6 PARTS) | - |
| -3 | 1 | RBT18201-3 | FOAM 2 | 3 | 59 | 1 | BROWNTOL #L8DDSET-4PC | DIMPLE DIE KIT | - |
| -5 | 1 | RBT18201-5 | FOAM 3 | 4 | 63 | 1 | BROWNTOL #DS-4PC | DRILL STOPS (#40, #30, #21, #10) | - |
| -7 | 1 | RBT18201-7 | FOAM 4 | 5 | 65 | 1 | BROWNTOL #1002-4PC | 4PC STRAIGHT RIVET SET | - |
| -9 | 1 | RBT18201-9 | FOAM 5 | 6 | 67 | 1 | BROWNTOL #1005-4PC | 4PC OFFSET RIVET SET | - |
| -11 | 1 | RBT18201-11 | FOAM 6 | 7 | 69 | 1 | BROWNTOL #8910SN | AVIATION SNIP SET | - |
| -13 | 1 | RBT18201-13 | FOAM 7 | 8 | 71 | 1 | BROWNTOL #HFSET-4PC | HOLE FINDER SET (#40, #30, #21, #10 #1/4 | - |
| -15 | 1 | RBT18201-15 | SIDE CLAMP HOLDER | 9 | 73 | 1 | BROWNTOL #CC-4PC | COUNTERSINK SET (#40, #30, #21, #10) | - |
| -17 | 2 | RBT18201-17 | 3/32 CLECO RAIL | 10 | 75 | 1 | BROWNTOL #T-3X | TAYLOR 3X RIVET GUN | - |
| -19 | 2 | RBT18201-19 | 1/8 CLECO RAIL | 10 | 77 | 1 | BROWNTOL #SDR10P26N3 | SIOUX SIGNATURE DRILL | - |
| -21 | 1 | RBT18201-21 | 5/32 CLECO RAIL | 10 | 79 | 5 | BROWNTOL #KSG3/4X1/2 | SIDE GRIP CLAMP | - |
| -23 | 1 | RBT18201-23 | 3/16 CLECO RAIL | 10 | 81 | 50 | BROWNTOL #K-3/32 | 3/32 CLECO | - |
| 25 | 1 | SNAP-ON #KMC18043NBK | TOOL BOX | - | 83 | 50 | BROWNTOL #K-1/8 | 1/8 CLECO | - |
| 27 | 1 | BROWNTOL #BAT-DBUR6 | DEBURRING TOOL (1 HANDLE, 1 CAP, 5 BITS) | - | 85 | 25 | BROWNTOL #K-5/32 | 5/32 CLECO | - |
| 29 | 1 | BROWNTOL #RC01 | RIVET CUTTER | - | 87 | 25 | BROWNTOL #K-3/16 | 3/16 CLECO | - |
| 31 | 1 | BROWNTOL #BAT-HSQZ30 | 3" HAND RIVET SQUEEZER | - | 89 | 1 | BROWNTOL #11075 | Sheet Metal Hole Cutter Kit | - |
| 33 | 1 | BROWNTOL #4SP | 4" VISE-GRIPS | - | 91 | 1 | BROWNTOL #I410 | SIOUX MINI PALM DRILL | - |
| 35 | 1 | BROWNTOL #6SP | 6" VISE-GRIP | - | 93 | 1 | BROWNTOL #BB-4PC | BUCKING BAR SET | - |
| 37 | 1 | BROWNTOL #BOE-001 | BOELUBE | - | 95 | 1 | BROWNTOL #M61552 | CUTOFF WHEEL HOLDER | - |
| 39 | 1 | BROWNTOL #FR010 | FLUSH SET WITH RUBBER GUARD | - | 97 | 1 | BROWNTOL #5055A | 90 DEG DIE GRINDER | - |
| 41 | 1 | BROWNTOL #CC01 | ADJUSTABLE C-SINK CAGE | - | 99 | 1 | BROWNTOL #69Q | QUICK CHANGE RETAINING SPRING | - |
| 43 | 1 | BROWNTOL #K-200 | CLECO PLIERS | - | 101 | 1 | BROWNTOL #269C3 | CHERRYMAX GRIP CAGE | - |
| 45 | 1 | BROWNTOL #L845-1/4-28 | RIVET NUT TOOL | - | 103 | 1 | BROWNTOL #CA001 | 6" DIAL CALIPER | - |
| 47 | 1 | BROWNTOL #L845-6-32 | RIVET NUT TOOL | - | 105 | 1 | BROWNTOL #WB12 | 12" MACHINIST SCALE | - |
| 49 | 1 | BROWNTOL #L845-8-32 | RIVET NUT TOOL | - | 107 | 1 | BROWNTOL #1AM1551 | 90 DEG. ANGLE DRILL | - |
| 51 | 1 | BROWNTOL #L845-10-32 | RIVET NUT TOOL | - | 109 | 1 | BROWNTOL #90318 | 2" ROLL-ON PAD HOLDER | - |
| 53 | 1 | BROWNTOL #L845-M4 | RIVET NUT TOOL | - | 111 | 1 | BROWNTOL #HR2-2 | 2 WAY HAND RIVETER | - |
| 55 | 1 | BROWNTOL #L845-M5 | RIVET NUT TOOL | - | 113 | 1 | BROWNTOL #NF-10 | 12 NEEDLE (JEWELERS) FILES, 1 POUCH | - |
| 57 | 1 | BROWNTOL #L845-M6 | RIVET NUT TOOL | - | 115 | 5 | BROWNTOL #203 | BRASS AIR REGULATOR | - |
| | | | | | 117 | 5 | McMaster#6534K460 | HOSE FITTING | - |

SEE ATTACHED DEVIATION

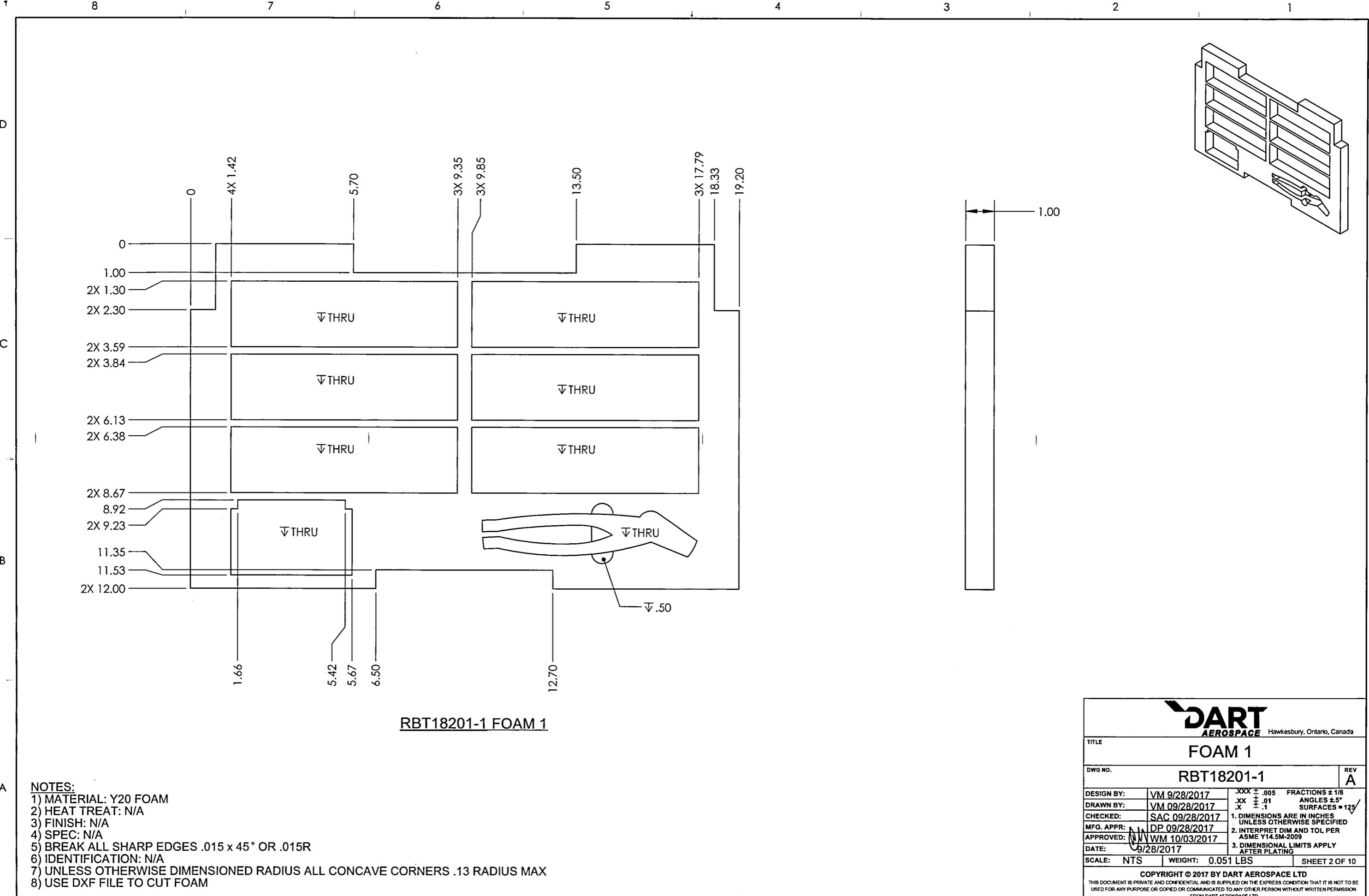
NOTES:
1. ONLY INCLUDE ONE ALLEN WRENCH FROM THE RIVET NUT TOOLS -45 THRU -57.
2. ENGRAVE SIZES ONTO BRASS RINGS OF RIVET NUT TOOLS -45 THRU -57.
3. INCLUDE THE DRILL CHUCKS FOR BOTH DRILLS -77 & -91.
4. INCLUDE BOTH WRENCHES FOR DIE GRINDER -97.
5. REMOVE WAX COVERING FROM END OF BUCKING BARS -93.
6. DO NOT INCLUDE RIVETS THAT COME WITH HAND RIVETER -111.
7. PUT THE DIMPLE DIE KIT -59 AND RIVET SQUEEZER SET -61 INTO DIVIDABLE PLASTIC BOX.
8. INCLUDE THE BEEHIVE SPRING FROM -75.
9. INSTALL AIR REGULATOR -115 & HOSE FITTINGS -117 ON TOOLS -75, -77, -91, 97, & -107.
10. ITEMS -61, -63, -65, -67, -71, -73, -93 ARE SPECIAL PART NUMBERS AND ARE NOT LISTED ON THE SUPPLIERS WEBSITE.

DART
AEROSPACE Hawkesbury, Ontario, Canada

SHEET METAL KIT

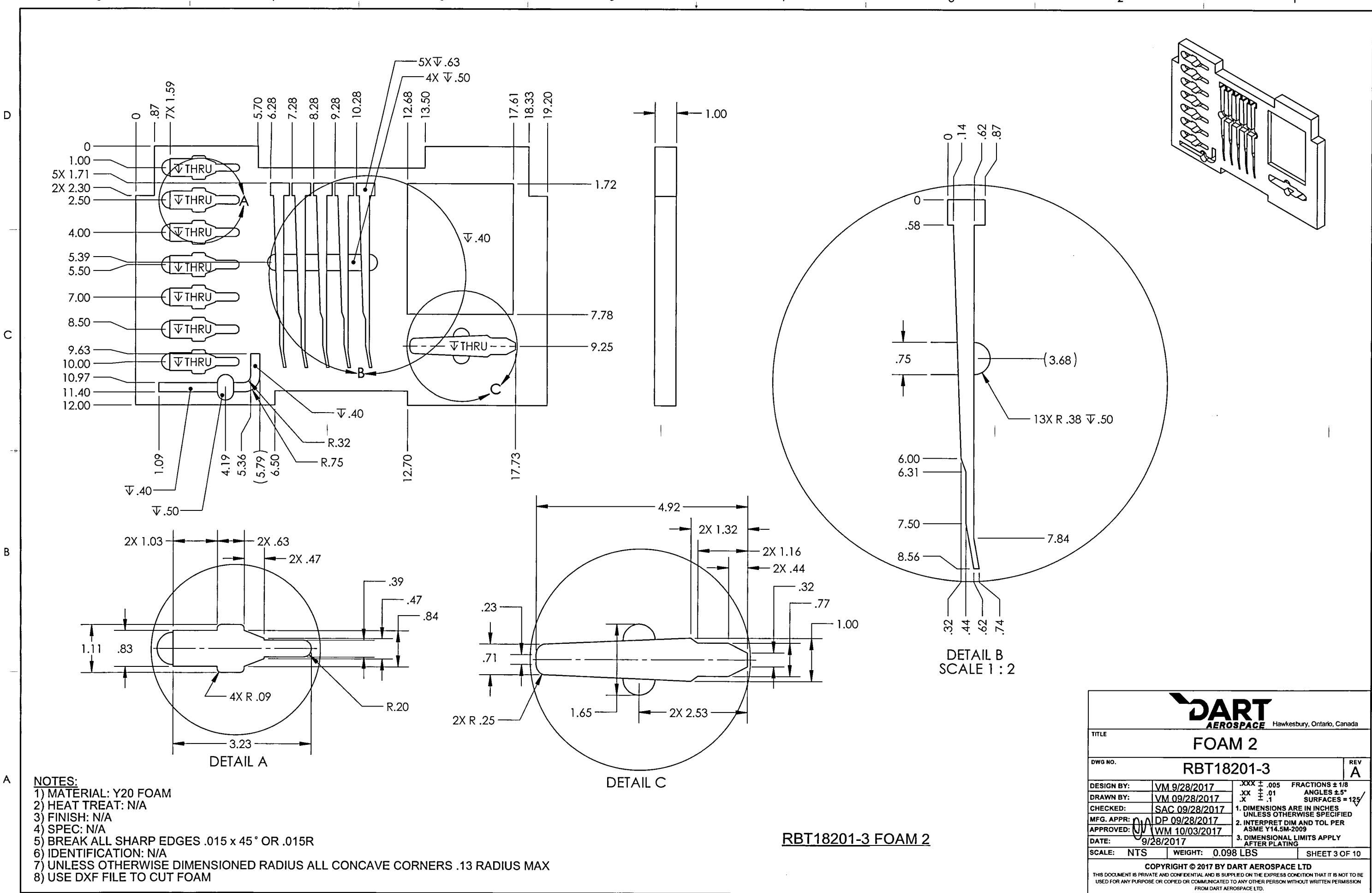
| DWG NO. | REV |
|--------------------------|--|
| RBT18201 | A |
| DESIGN BY: VM 9/28/2017 | XXX ± .005 FRACTIONS ± 1/8 |
| DRAWN BY: VM 09/28/2017 | XX ± .01 ANGLES ± 5° |
| CHECKED: SAC 09/28/2017 | X ± .1 SURFACES ± 125° |
| MFG. APPR: DP 09/28/2017 | 1. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED |
| APPROVED: WM 10/03/2017 | 2. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| DATE: 9/28/2017 | 3. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| SCALE: NTS | WEIGHT: N/A |
| | SHEET 1 OF 10 |

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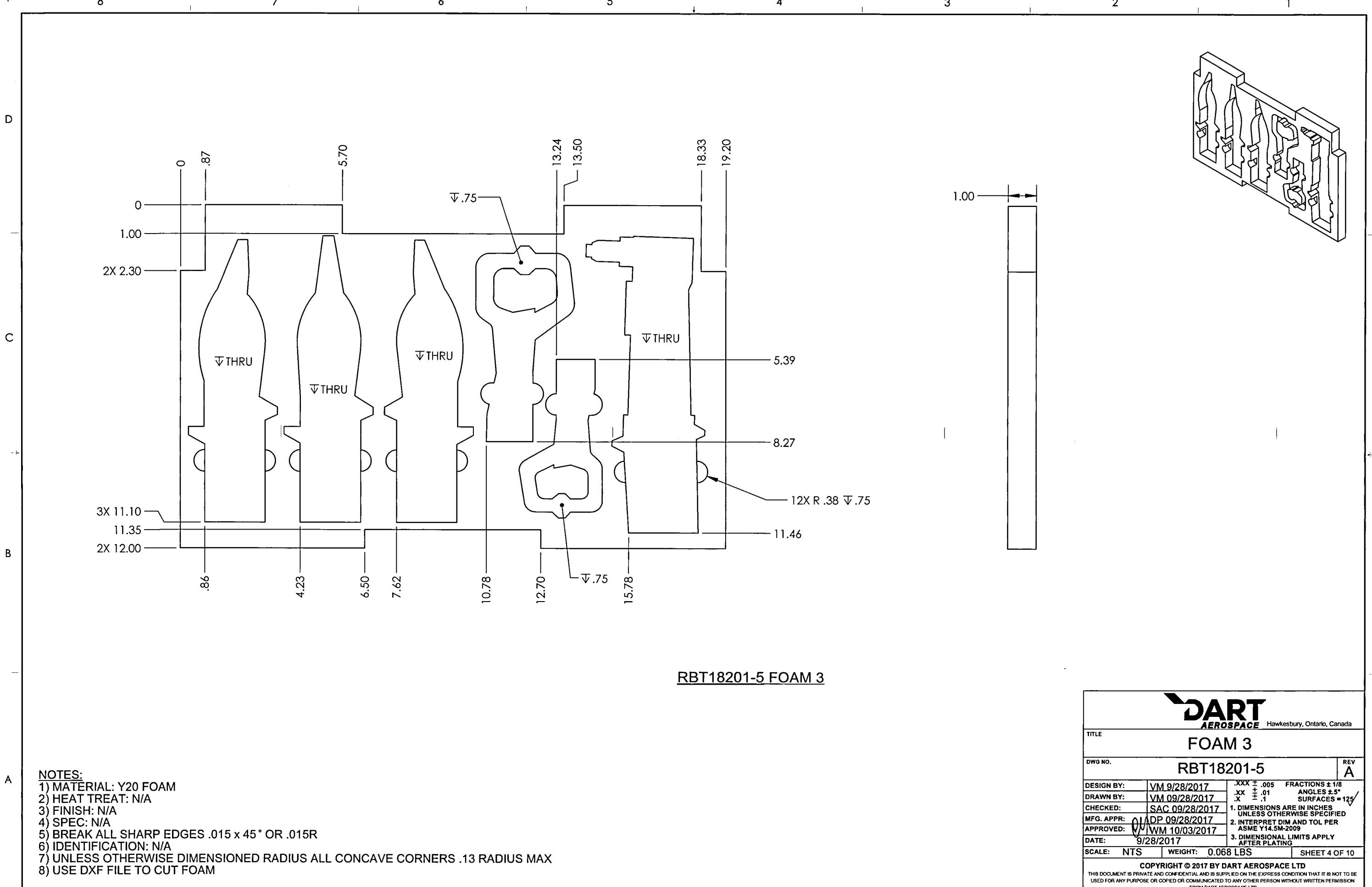


SEE ATTACHED DEVIATION

| | | |
|--|--|-----------------------------|
| DART AEROSPACE | | Hawkesbury, Ontario, Canada |
| FOAM 1 | | |
| DWG NO. | | RBT18201-1 |
| DESIGN BY: | | VM 9/28/2017 |
| DRAWN BY: | | VM 09/28/2017 |
| CHECKED: | | SAC 09/28/2017 |
| MFG. APPR: | | DP 09/28/2017 |
| APPROVED: | | WM 10/03/2017 |
| DATE: | | 9/28/2017 |
| SCALE: | | NTS |
| WEIGHT: | | 0.051 LBS |
| SHEET 2 OF 10 | | |
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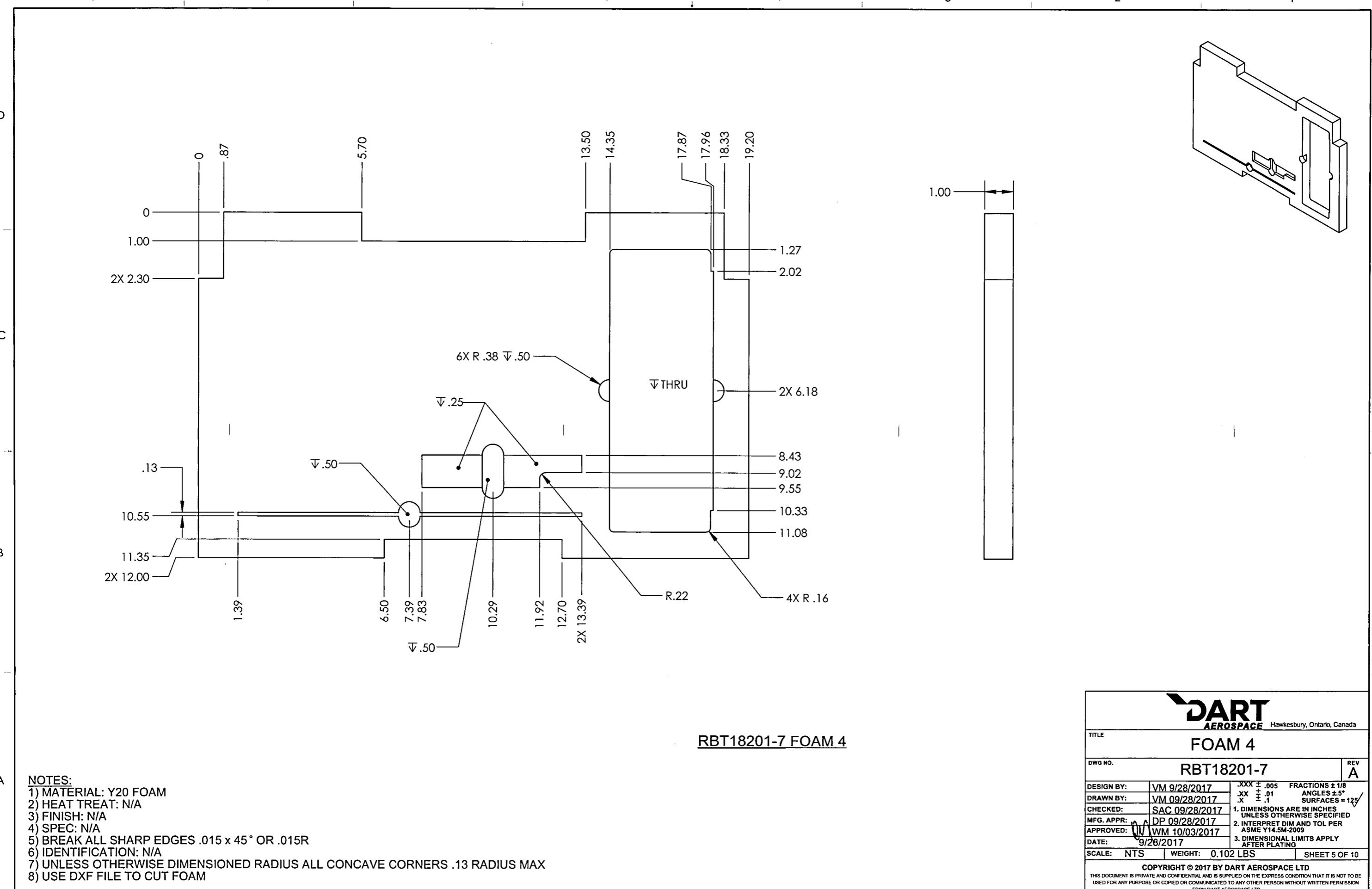
5 4
SEE ATTACHED DEVIATION



SEE ATTACHED DEVIATION

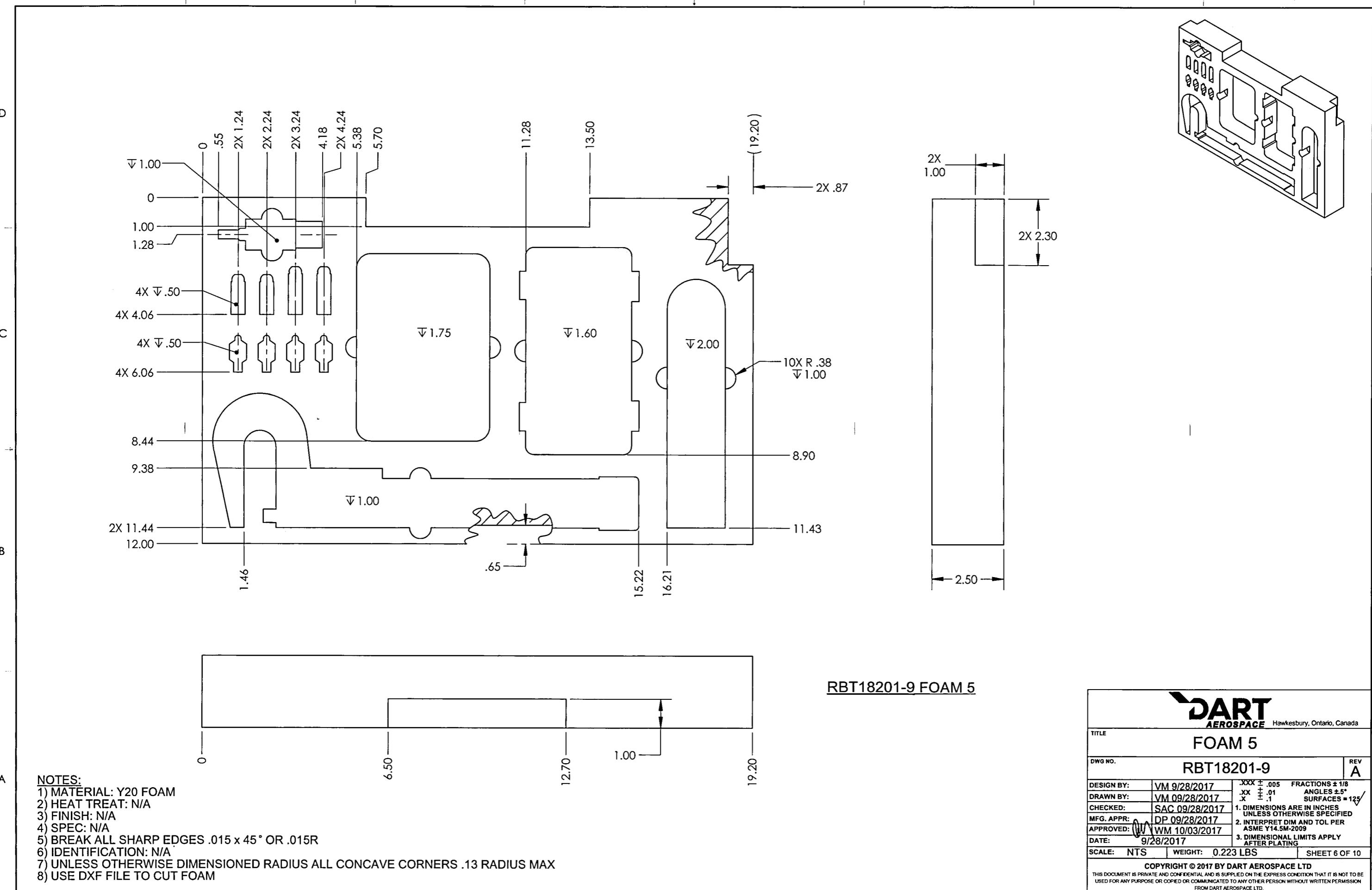
| | | |
|--------------------------|-------------------|---|
| DART AEROSPACE | | Hawkesbury, Ontario, Canada |
| FOAM 3 | | |
| DWG NO. | RBT18201-5 | |
| DESIGN BY: | VM 9/28/2017 | XX $\pm .005$ FRACTIONS $\pm 1/8$ |
| DRAWN BY: | VM 09/28/2017 | XX $\pm .01$ ANGLES $\pm 5°$ |
| CHECKED: | SAC 09/28/2017 | XX SURFACES = 125 |
| MFG. APPR: | DP 09/28/2017 | 1. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED |
| APPROVED: | VM 10/03/2017 | 2. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| DATE: | 9/28/2017 | 3. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| SCALE: | NTS | WEIGHT: 0.068 LBS |
| SHEET 4 OF 10 | | |

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SEE ATTACHED DEVIATION

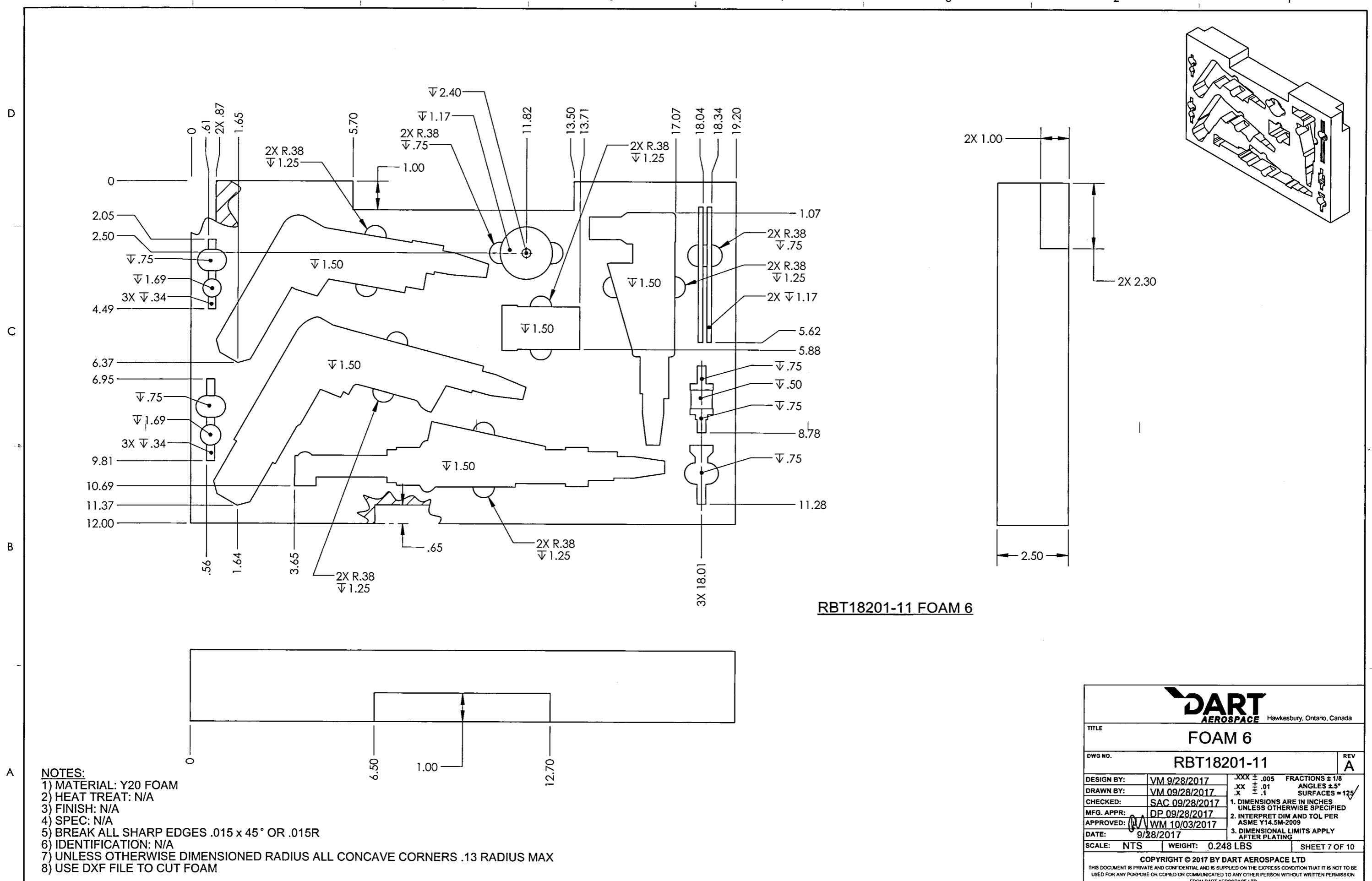
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|---|----------------|---|--------------|----------------------------|-----------|---------------|----------------------|----------|----------------|----------------|------------|---------------|---|-----------|---------------|--|-------|-----------|--|--------|-----|-------------------|--|--|---------------|
| DART AEROSPACE Hawkesbury, Ontario, Canada | | | | | | | | | | | | | | | | | | | | | | | | | |
| TITLE | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOAM 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| DWG NO. RBT18201-7 REV A | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">DESIGN BY:</td> <td style="width: 50%;">VM 9/28/2017</td> <td style="width: 50%;">XXX ± .005 FRACTIONS ± 1/8</td> </tr> <tr> <td>DRAWN BY:</td> <td>VM 09/28/2017</td> <td>XX ± .01 ANGLES ± 5°</td> </tr> <tr> <td>CHECKED:</td> <td>SAC 09/28/2017</td> <td>SURFACES = 125</td> </tr> <tr> <td>MFG. APPR:</td> <td>DP 09/28/2017</td> <td>1. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>APPROVED:</td> <td>VM 10/03/2017</td> <td>2. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</td> </tr> <tr> <td>DATE:</td> <td>9/28/2017</td> <td>3. DIMENSIONAL LIMITS APPLY AFTER PLATING</td> </tr> <tr> <td>SCALE:</td> <td>NTS</td> <td>WEIGHT: 0.102 LBS</td> </tr> <tr> <td></td> <td></td> <td>SHEET 5 OF 10</td> </tr> </table> | | DESIGN BY: | VM 9/28/2017 | XXX ± .005 FRACTIONS ± 1/8 | DRAWN BY: | VM 09/28/2017 | XX ± .01 ANGLES ± 5° | CHECKED: | SAC 09/28/2017 | SURFACES = 125 | MFG. APPR: | DP 09/28/2017 | 1. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED | APPROVED: | VM 10/03/2017 | 2. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 | DATE: | 9/28/2017 | 3. DIMENSIONAL LIMITS APPLY AFTER PLATING | SCALE: | NTS | WEIGHT: 0.102 LBS | | | SHEET 5 OF 10 |
| DESIGN BY: | VM 9/28/2017 | XXX ± .005 FRACTIONS ± 1/8 | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY: | VM 09/28/2017 | XX ± .01 ANGLES ± 5° | | | | | | | | | | | | | | | | | | | | | | | |
| CHECKED: | SAC 09/28/2017 | SURFACES = 125 | | | | | | | | | | | | | | | | | | | | | | | |
| MFG. APPR: | DP 09/28/2017 | 1. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED | | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED: | VM 10/03/2017 | 2. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 | | | | | | | | | | | | | | | | | | | | | | | |
| DATE: | 9/28/2017 | 3. DIMENSIONAL LIMITS APPLY AFTER PLATING | | | | | | | | | | | | | | | | | | | | | | | |
| SCALE: | NTS | WEIGHT: 0.102 LBS | | | | | | | | | | | | | | | | | | | | | | | |
| | | SHEET 5 OF 10 | | | | | | | | | | | | | | | | | | | | | | | |
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RBT18201-9 FOAM 5

| | | |
|--------------------------|----------------|---|
| DART AEROSPACE | | Hawkesbury, Ontario, Canada |
| FOAM 5 | | |
| DWG NO. | | REV |
| RBT18201-9 | | A |
| DESIGN BY: | VM 9/28/2017 | XXX \pm .005 FRACTIONS \pm 1/8 |
| DRAWN BY: | VM 09/28/2017 | XX \pm .01 ANGLES \pm 5° |
| CHECKED: | SAC 09/28/2017 | X SURFACES = 125 |
| MFG. APPR: | DP 09/28/2017 | 1. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED |
| APPROVED: | VM 10/03/2017 | 2. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| DATE: | 9/28/2017 | 3. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| SCALE: | NTS | WEIGHT: 0.223 LBS |
| SHEET 6 OF 10 | | |

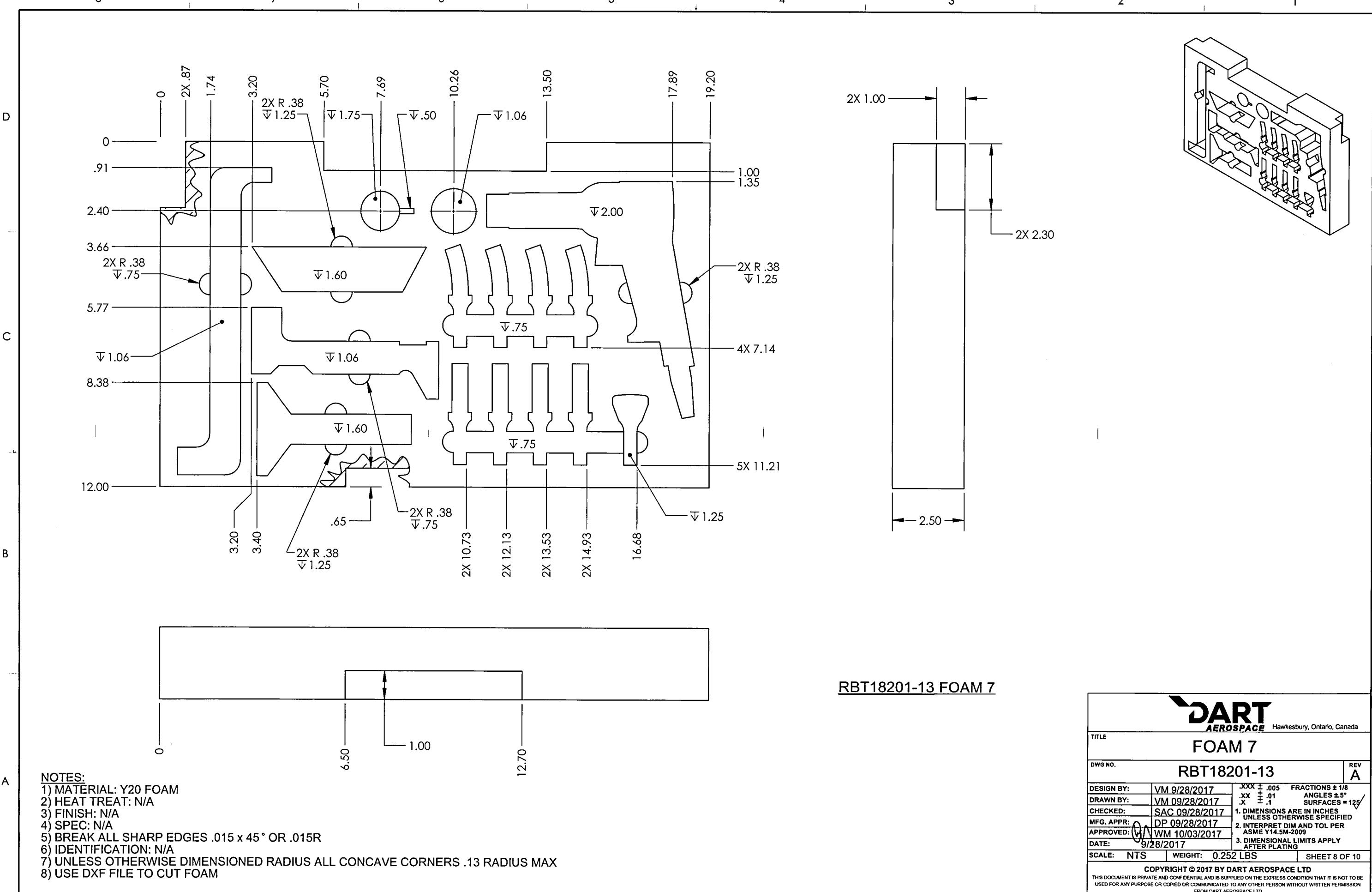
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NOTES:

- 1) MATERIAL: Y20 FOAM
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) SPEC: N/A
- 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
- 6) IDENTIFICATION: N/A
- 7) UNLESS OTHERWISE DIMENSIONED RADIUS ALL CONCAVE CORNERS .13 RADIUS MAX
- 8) USE DXF FILE TO CUT FOAM

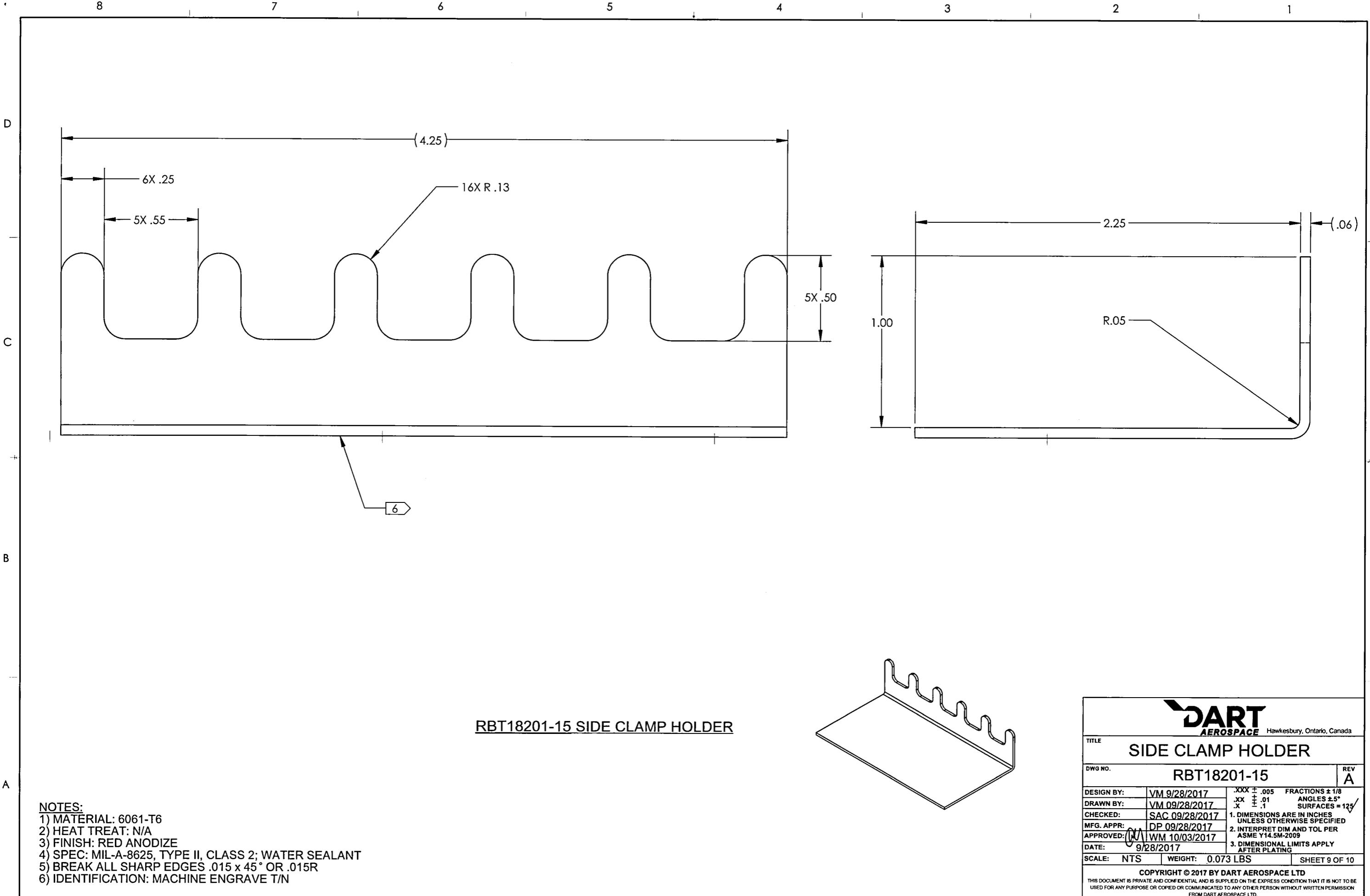
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SEE ATTACHED DEVIATION



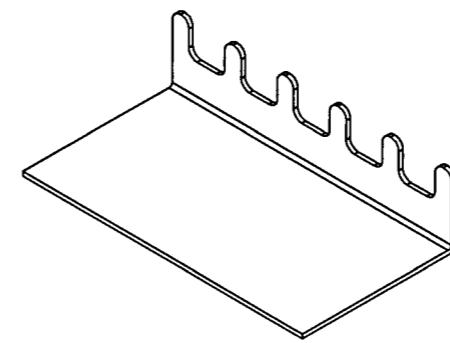
RBT18201-13 FOAM 7

| | | |
|---|--|-----------------------------|
| DART AEROSPACE | | Hawkesbury, Ontario, Canada |
| FOAM 7 | | |
| DWG NO. RBT18201-13 | | REV A |
| <p>DESIGN BY: VM 9/28/2017 <small>XXX \pm .005 FRACTIONS \pm 1/8</small> DRAWN BY: VM 09/28/2017 <small>XX \pm .01 ANGLES \pm 5°</small> CHECKED: SAC 09/28/2017 <small>SURFACES = 125</small> MFG. APPR: DP 09/28/2017 APPROVED: <input checked="" type="checkbox"/> WM 10/03/2017 DATE: 9/28/2017 SCALE: NTS WEIGHT: 0.252 LBS SHEET 8 OF 10</p> <p><small>1. DIMENSIONS ARE IN INCHES 2. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 3. DIMENSIONAL LIMITS APPLY AFTER PLATING</small></p> | | |

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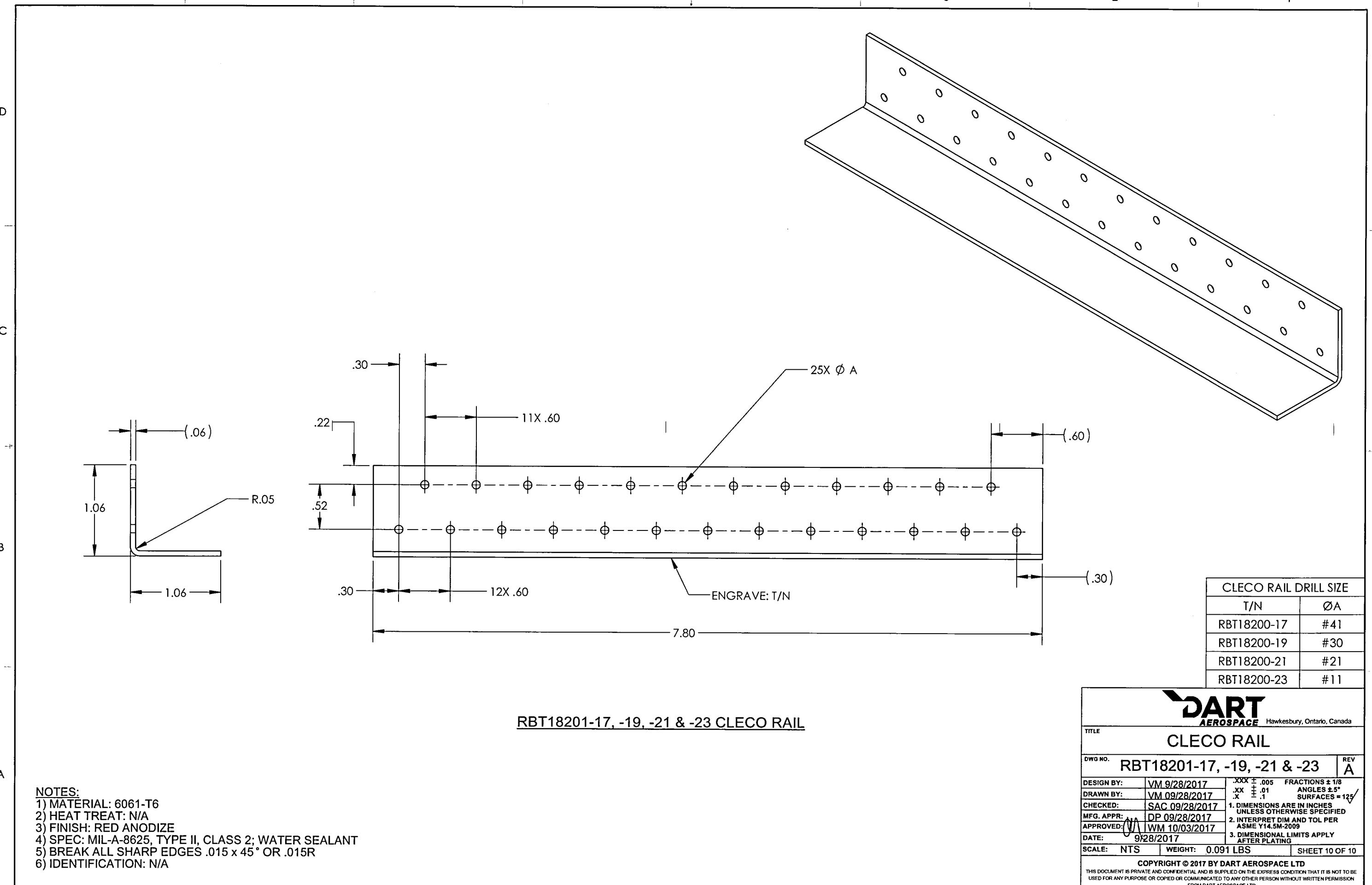
RBT18201-15 SIDE CLAMP HOLDER



| | |
|--|----------------|
| DART AEROSPACE Hawkesbury, Ontario, Canada | |
| SIDE CLAMP HOLDER | |
| DWG NO. | RBT18201-15 |
| DESIGN BY: | VM 9/28/2017 |
| DRAWN BY: | VM 09/28/2017 |
| CHECKED: | SAC 09/28/2017 |
| MFG. APPR.: | DP 09/28/2017 |
| APPROVED: | WM 10/03/2017 |
| DATE: | 9/28/2017 |
| SCALE: | NTS |
| WEIGHT: | 0.073 LBS |
| SHEET 9 OF 10 | |

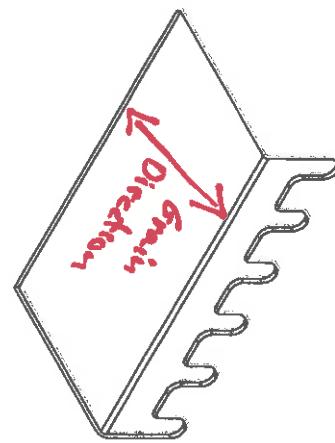
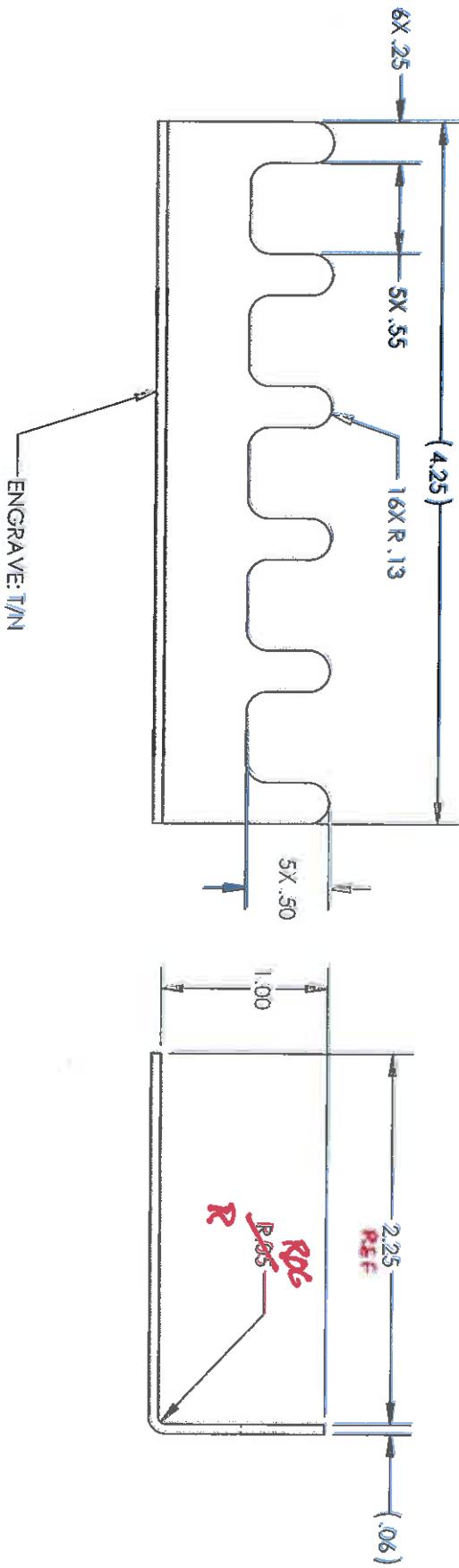
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SEE ATTACHED DEVIATION

| REV | DESCRIPTION | REVISIONS |
|-----|-------------|------------------|
| | | DATE |
| | | INITIAL APPROVED |

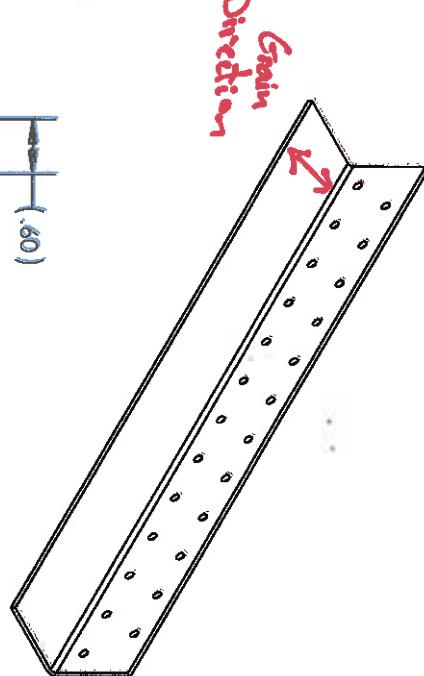
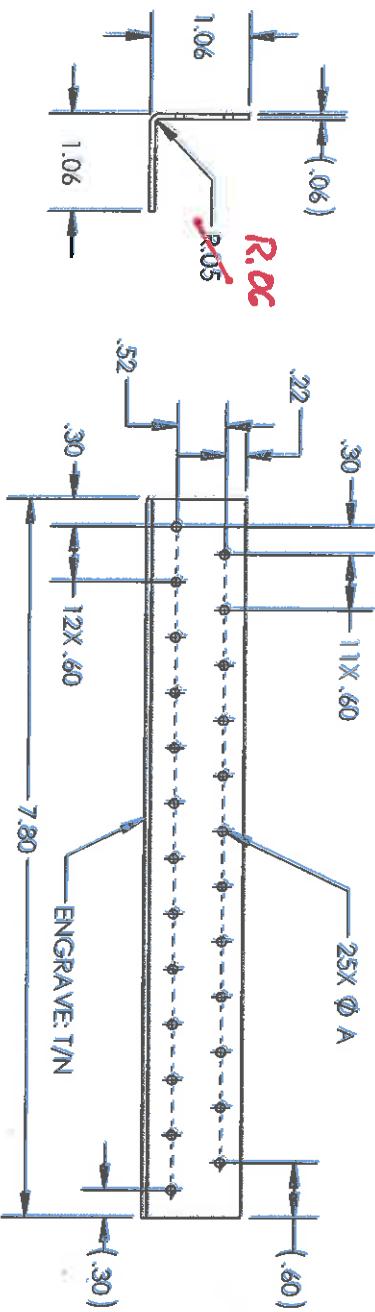


| | |
|----------------------------|---|
| MATERIAL: ALUMINUM | |
| UNLESS OTHERWISE SPECIFIED | |
| DIMENSIONS ARE IN INCHES | |
| X | 0.00 ± .010 |
| X | FRACTIONS ± 1/32 |
| X | .03 |
| X | ANGLES 1.5° |
| X | .1 |
| 1. | BREAK ALL SHARP EDGES .015 X .45° SPEC MIL-A-2625F, TYPE II, CLASS II |
| 2. | DIMENSIONAL LIMITS APPLY AFTER PLATING |
| SCALE | 1:1 |
| DATE | 10/3/2013 |
| SHEET | 9 OF 10 |

SIDE CLAMP HOLDER

-15

| REV | DESCRIPTION | REVISIONS | DATE | INITIAL APPROVED |
|-----|-------------|-----------|------|------------------|
| | | | | |



RED BARN
RAIL

(-17, -19, -21, & -23)

| RED BARN MACHINE | |
|---|------------------------------|
| SHEET METAL KIT | |
| DWG NO. | RBT18201-17, -19, -21, & -23 |
| GRADE ALUMINUM | DRAWN BY: SMITH |
| UNLESS OTHERWISE SPECIFIED | APPROVED: <i>Red Barn</i> |
| DIMENSIONS ARE IN INCHES | |
| .005 ± .005 | DATE: <i>Red Barn</i> |
| .005 ± .005 | FINISH: RED ANODIZE |
| FRACTIONS ± 1/32 | USED ON MODEL |
| .005 ± .005 | |
| .005 ± .005 | |
| 1. BREAK ALL SHARP EDGES .015 x 45° SPEC MIL-A-8625F, TYPE II, CLASS II | |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | |
| SCALE: 1/2 | DATE: 12/3/2013 |
| | SHEET 10 OF 10 |